

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
ELECTRIC DISTRIBUTION COST OF SERVICE SUMMARY, AS ADJUSTED
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION	AMOUNT	
COST OF SERVICE			
1	PURCHASED POWER	0	
2	O&M EXPENSE, OTHER THAN PURCHASED POWER	6,279,096	
3	DEPRECIATION AND AMORTIZATION	2,509,467	
4	TAXES OTHER THAN INCOME	878,087	
5	FEDERAL AND STATE INCOME TAXES	1,375,282	
6	RETURN ON RATE BASE	3,409,773	
7	INTEREST ON CUSTOMER DEPOSITS	21,053	
8	TOTAL COST OF SERVICE	14,472,759	(MHC-2)
REVENUES			
9	DISTRIBUTION BASE REVENUES	14,269,476	
10	OTHER OPERATING REVENUES	274,998	
11	TOTAL OPERATING REVENUES	14,544,474	(MHC-2)
12	REVENUE DEFICIENCY/(SURPLUS)	(71,715)	
13	CLAIMED RATE OF RETURN	9.19%	

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
COST OF SERVICE - ACTUAL & ADJUSTED
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION		PER BOOKS 12/31/00	ADJUSTMENTS	ADJUSTED BOOKS	
1	PURCHASED POWER		-	-	-	
2	OTHER O&M EXPENSE	AG-2-8-2	5,805,479	473,617	6,279,096	
3	TOTAL OPERATING EXPENSES		5,805,479	473,617	6,279,096	
4	DEPRECIATION AND AMORTIZATION	AG-2-8-1; 4-13	1,820,299	689,168	2,509,467	
5	TAXES OTHER THAN INCOME TAXES	AG-2-8-1	836,177	41,910	878,087	
6	SUB-TOTAL		8,461,955	1,204,695	9,666,650	
				(MHC-6)		
7	FEDERAL AND STATE INCOME TAXES				1,375,282	(MHC-5)
8	RETURN ON RATE BASE				3,409,773	(MHC-5)
9	INTEREST ON CUSTOMER DEPOSITS	AG-2-8	21,053	-	21,053	
10	TOTAL COST OF SERVICE				14,472,759	(MHC-1)
			PER BOOKS 12/31/00	ADJUSTMENTS	ADJUSTED BOOKS	
	REVENUES					
11	DISTRIBUTION BASE REVENUE	AG-4-11	14,705,367	(435,891)	14,269,476	
12	OTHER OPERATING REVENUES	AG-4-11	320,581	(45,583)	274,998	
13	TOTAL OPERATING REVENUES		15,025,948	(481,474)	14,544,474	(MHC-1)
				(MHC-6)		

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
RATE BASE
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION		AMOUNT	
1	UTILITY PLANT IN SERVICE		58,548,834	(MHC-17)
2	LESS: RESERVE FOR DEPRECIATION & AMORTIZATION		15,814,019	(MHC-18)
3	NET UTILITY PLANT		42,734,815	
4	ADD: INVENTORY	AG-2-6(f)	556,909	(MHC-19)
5	CASH WORKING CAPITAL		1,925,377	(MHC-4)
6	SUB-TOTAL		2,482,286	
7	LESS: RESERVE FOR DEFERRED TAXES		7,783,411	(MHC-20)
8	CUSTOMER ADVANCES	AG-2-6(h)	134,298	
9	CUSTOMER DEPOSITS	AG-2-6(g)	196,310	
10	SUB-TOTAL		8,114,019	
11	RATE BASE		37,103,082	(MHC-5)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CASH WORKING CAPITAL
FOR THE 12 MONTHS ENDED DEC 31, 2000

PURCHASED POWER

LINE NO	DESCRIPTION	AMOUNT
1	PURCHASED POWER EXPENSE AG-4-10	30,357,540
2	TOTAL PURCHASED POWER EXPENSE	30,357,540
3	CASH WORKING CAPITAL REQUIREMENT:	
4	6.8 DAYS PURCH. POWER EXPENSE AG-4-10	
5	(6.8/365 X PURCH. POWER EXPENSE)	565,565
6	PURCHASED POWER CASH WORKING CAPITAL	565,565

OTHER O&M EXPENSE

LINE NO	DESCRIPTION	AMOUNT	
1	OTHER O&M EXPENSE-DISTRIBUTION FUNCTION	6,279,096	(MHC-2)
2	OTHER O&M EXPENSE-OTHER FUNCTIONS AG-4-10	5,078,846	
3	LESS:TRANSMISSION FUNCTION OTHER O&M RECOVERED ELSEWHERE	328,354	
	TOTAL OTHER O&M EXPENSE	11,029,588	
4	CASH WORKING CAPITAL REQUIREMENT		
5	45 DAYS O&M EXPENSE		
6	(45/365 X O&M EXPENSE)	1,359,812	
7	OTHER O&M CASH WORKING CAPITAL	1,359,812	
8	TOTAL CASH WORKING CAPITAL	1,925,377	(MHC-3)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
COMPUTATION OF FEDERAL AND
MASSACHUSETTS FRANCHISE TAXES
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION	AMOUNT	
1	RATE BASE	37,103,082	(MHC-3)
2	RETURN REQUIREMENT (9.19 % OF RATE BASE) (1)	3,409,773	(MHC-2)
3	LESS: LONG TERM INTEREST EXPENSE (4.23 % OF RATE BASE) (1)	1,569,460	
4	AMORTIZATION OF ITC	-	
5	TOTAL DEDUCTIONS	1,569,460	
6	NET INCOME	1,840,313	
7	TAXABLE INCOME (NET INCOME / 0.6171)	2,982,196	
8	MASSACHUSETTS FRANCHISE TAX (TAXABLE INCOME x 6.5%)	193,843	
9	FEDERAL INCOME TAX (TAXABLE INCOME - FRANCHISE TAX x 34%)	948,040	
SUMMARY OF INCOME TAX EXPENSES			
10	FEDERAL INCOME TAXES	948,040	
11	AMORTIZATION OF ITC	-	
12	MASSACHUSETTS FRANCHISE TAX	193,843	
13	FAS 109 REVENUE REQUIREMENT	233,400	
14	TOTAL INCOME TAXES	1,375,282	(MHC-2)
15	MASSACHUSETTS FRANCHISE TAX RATE	6.50%	
16	FEDERAL TAX RATE	34.00%	
17	1 - EFFECTIVE TAX RATE	0.6171	
18	(1) SEE SCHEDULE MHC-SUPP-22		

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
COMPUTATION OF FAS 109 REVENUE REQUIREMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION	AMOUNT	
1	Regulatory Asset-Federal Income Tax	5,745,535	(MHC-20)
2	-State Income Tax	2,184,810	(MHC-20)
3	Regulatory Liability-Federal Income Tax	(1,991,971)	(MHC-20)
4	-State Income Tax	(757,472)	(MHC-20)
5	Net Regulatory Asset	5,180,902	
6	Assignment to Internal Transmission at 9.9%	512,909	(MHC-20)
7	Net Regulatory related to Distribution	4,667,993	
8	Amortization Period	20 Years	
9	Annual Amortization	233,400	

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
SUMMARY OF ADJUSTMENTS
FOR THE 12 MONTHS ENDED DEC 31, 2000

DESCRIPTION	SCHEDULE NO.	ADJUSTMENT	
OPERATING REVENUES			
LOST PRINCETON PAPER COMPANY BASE REVENUE	(MHC-7)	(435,891)	
RENTAL WATER HEATER PROGRAM	(MHC-13)	(45,583)	
TOTAL OPERATING REVENUE ADJUSTMENT		(481,474)	(MHC-2)
OPERATING & MAINTENANCE EXPENSES			
PAYROLL ADJUSTMENT	(MHC-8)	44,665	
MEDICAL & DENTAL INSURANCE	(MHC-9)	32,451	
BAD DEBT EXPENSE	(MHC-10)	44,806	
INFLATION ALLOWANCE	(MHC-11)	180,779	
RATE CASE EXPENSE	(MHC-12)	133,333	
DISALLOWABLE ADVERTISING/PROMOTIONS	AG-2-8	(39,905)	
WATER HEATER RENTAL PROGRAM O&M EXPENSES	(MHC-13)	(13,362)	
OUT OF PERIOD CREDIT	(MHC-14)	90,850	
TOTAL OPERATING & MAINTENANCE EXPENSE ADJUSTMENT		473,617	(MHC-2)
AXES OTHER THAN INCOME TAXES			
PROPERTY TAXES	(MHC-16)	41,910	
TOTAL TAXES OTHER THAN INCOME TAXES ADJ		41,910	(MHC-2)
DEPRECIATION			
SCHEDULE OF DEPRECIATION	(MHC-17)	689,168	(MHC-2)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
OPERATING REVENUES ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	Description	Amount
1	Elimination of test year base revenues of Princeton Paper Company	(435,891)

AG-4-11(A), Page 2

**Fitchburg Gas and Electric Light Company
Percentage of Base Distribution Sales Revenue (1)
Attributed to Princeton Paper Company**

Line No.		<u>1999</u>	<u>2000</u>
1	Electric Distribution Base Revenues		
2	Princeton Paper	\$1,296,673	\$435,891
3	Industrial	<u>\$3,143,885</u>	<u>\$2,913,848</u>
4	Total Large General	\$4,440,558	\$3,349,739
5	Total All Classes	\$15,357,051	\$14,705,367
6	% Princeton Paper to Total Large General	29.2%	13.0%
7	% Princeton Paper to Total All Classes	8.4%	3.0%

(1) AG-4-11, Attachment AG-4-11(B)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
PAYROLL ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO		Union	Non-Union		Total
			Hourly	Salaried	
	Calendar 2000 Payroll:				
1	Capitalized	1,001,909	273,359	191,591	1,466,859
2	Distribution & Maint.	580,686	161,105	42,944	784,735
3	Other Distribution	203,393	120,914	33,829	358,136
4	Total	1,785,988	555,378	268,364	2,609,730
5	Less Capitalized Portion	(1,001,909)	(273,359)	(191,591)	(1,466,859)
6	Calendar 2000 O&M Payroll	784,079	358,792		1,142,871
7	Payroll rate increases-2001 (1)	3.50%	4.80%		
8	O&M Expense increase	27,443	17,222		<u>44,665</u>

AG-2-9-2

9 (1) Union increase effective 6/1; non-union increase effective 1/1

**FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
MEDICAL & DENTAL INSURANCE ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000**

LINE NO.	DESCRIPTION	AMOUNT
1	Electric Distribution Calendar 2000 Cost	282,455
2	Less: Employee Contributions	(18,685)
3	Amount Capitalized	(108,500)
4	Electric Distribution Calendar 2000 Net Expense	155,270
5	Percent increase in expense (1)	20.9%
6	Increase in expense	<u>32,451</u>

AG-2-9-3

- 7 (1) Based on comparison of calculated monthly cost of December 2000 with December 1999 using cost rates and number of enrolled employees for those months. Refer to following page for detail.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
BAD DEBT EXPENSE ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	Year	Net Write-off	Revenue	Amount
1	1998	283,913	50,853,355	
2	1999	273,216	52,118,393	
3	2000	292,805	51,333,592	
4		849,934	154,305,340	
5	Bad Debt Expense as a % of Firm Revenue:		0.5508%	
	<u>Normalized Revenues</u>			
6	Actual Revenues - 2000		51,333,592	
7	SOS/DS Price Increase Adjustment		<u>10,391,263</u>	
8	Total Normalized Revenues			61,724,855
9	0.55% X 2000 Normalized Revenues			339,981
10	Less: Test Year Bad Debt Expense			<u>295,175</u>
11	Increase in Bad Debts Expense			<u>44,806</u>
	(MHC-6)			

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CALCULATION OF ENERGY PRICE INCREASE ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 1999

LINE
NO

Calculation of SOS/DS Price Growth Rates

		<u>SOS</u> <u>Standard Offer</u> <u>Service</u>	<u>DS</u> <u>Default</u> <u>Service</u>
1	Avg. Rate - 2000	0.03800	0.03916
2	Avg. Rate - 2001	<u>0.05830</u>	<u>0.08458</u>
3	Growth 1999-2001	1.5342	2.1599

Calculation of SOS/DS Price Revenue Adjustment

4	Actual 1999 SOS/DS Revenues	16,475,265	1,370,861	
5	1999-2001 SOS/DS Price Increase Factor	<u>1.5342</u>	<u>2.160</u>	
6	Normalized 1999 SOS/DS Revenues	<u>25,276,525</u>	<u>2,960,864</u>	
7	SOS/DS Price Increase Adjustment	<u>8,801,260</u>	<u>1,590,003</u>	<u>Total</u> <u>10,391,263</u>

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
INFLATION ALLOWANCE
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	Description		
1	Total O&M expenses, excluding purchased power		5,805,479
2	Less Normalizing Adjustments Items:		
3	Payroll	1,142,871	
4	Medical and Dental Insurance	155,270	
5	Bad Debts	-	
6	Out of Period Item	(90,850)	
7	Pension Expense	(134,569)	(1,072,722)
	Less Items not subject to inflation:		
8	Advertising/Media Relations AG-2-8	39,905	
9	Water Heater Rental Program AG-2-8	13,362	
10	Fixed Leases	(103,026)	49,759
11	Residual O&M expenses		4,782,516
12	Projected Inflation Rate		3.78%
13	Increase in Other O&M Expense for inflation		<u>180,779</u>

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
INFLATION ALLOWANCE
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	Description	Index
1	GDPIPD Index value at the midpoint of the test year: (1)	
2	2nd Quarter 2000 INDEX-GDP	106.73
3	3rd Quarter 2000 INDEX-GDP	107.15
4	July 1, 2000 (Midpoint of Test Year) Index	106.94
5	GDPIPD Index value at the midpoint of the rate year: (2)	
6	2nd Quarter 2002 INDEX-GDP	110.90
7	3rd Quarter 2002 INDEX-GDP	111.40
8	June 1, 2002 (Midpoint of Rate Year) Index	110.98
9	Projected Inflation Rate	<u>3.78%</u>
10	(1) Quarter values from Federal Reserve Bank of St. Louis-FRED Database	
11	(2) Quarter values from Energy Information Administration Short-Term Energy Outlook	
12	dated February 1, 2001. Forecast of indices was provided by DRI-McGraw-Hill.	

**FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
RATE CASE EXPENSE ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000**

Description	Amount
Legal	275,000
Outside Services:	
Revenue Requirements	100,000
Cost of Capital	25,000
Total	400,000
Amortization Period	3 years
Annual amortization expense	133,333
Test year amortization expense	-
Increase in amortization expense	133,333

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
ADJUSTMENT FOR NON-UTILITY PLANT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	Description	AMOUNT	
	ADJUSTMENT FOR NON-UTILITY COSTS TO REMOVE WATER HEATER RENTAL PROGRAM FROM THE COST OF SERVICE.		
1	UTILITY PLANT IN SERVICE - ACCT 372	<u>(141,524)</u>	(MHC-17)
2	DEPRECIATION RESERVE - ACCT 372	<u>(90,820)</u>	(MHC-18)
3	RENTAL REVENUE - ACCT 4510000 AG-2-8	<u>(45,583)</u>	(MHC-6)
4	O&M EXPENSES AG-2-8	<u>(13,362)</u>	(MHC-6)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
ADJUSTMENT FOR REIMBURSED LEGAL EXPENSE
FOR THE 12 MONTHS ENDED DEC 31, 1999

LINE NO	DESCRIPTION	AMOUNT
1	Credit recorded to expense in test year for reimbursement of legal expenses incurred in the years 1996 through 2000	(116,894)
2	Amount related to legal expense incurred during test year	(26,044)
3	Credit recorded in test year related to prior periods	(90,850)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
PROPERTY TAX ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	Town	(A) Property Tax Fiscal 2001 (7/1-6/30/01)	(B) (A) x 1.062 Estimated Rate Year	
1	Ashburnham	206	219	
2	Ashby	28,085	29,826	
3	Fitchburg Pers	526,518	559,162	
4	Leominster	113	120	
5	Lunenburg	92,777	98,529	
6	Shirley	323	343	
7	Townsend	71,650	76,092	
8	Total	719,672	764,292	
9	Less capitalized amount	8,846	9,068	
10	Total Expense	710,826	755,224	
11	Test year expense		713,314	
12	Increase in property tax expense		41,910	(MHC-6)

AG-2-9-6; AG-4-21

(1)	Total Property Taxes	Percent Change
1992	799,647	
1993	896,005	12.1%
1994	859,109	-4.1%
1995	1,030,684	20.0%
1996	1,064,415	3.3%
1997	1,254,982	17.9%
1998	1,242,726	-1.0%
1999	1,210,423	-2.6%
2000	1,261,097	4.2%
Average Annual Percent Change		6.2%

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
DEPRECIATION EXPENSE ADJUSTMENT
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION	DISTRIBUTION PLANT 12/31/00	DEDUCTIONS		DISTRIBUTION DEPRECIABLE PLANT	LESS ITEMS CHARGED TO CLEARING ACCOUNT		DISTRIBUTION DEPRECIABLE PLANT	DEPRECC. RATES	PROFORMED EXPENSE
			NONUTILITY WH RENTAL	JOINTLY OWNED UNIT		NON DEPRECIABLE	CHARGED TO			
1	INTANGIBLE PLANT	75,086								
2	303-MISC INTANGIBLE PLANT	75,086				75,086				
	TOTAL INTANGIBLE PLANT	75,086				75,086				
3	DISTRIBUTION PLANT	713,467								
4	360-LAND & LAND RIGHTS	1,281,906								
5	362-STRUCTURES & IMPROVE	9,815,980								
6	362-STATION EQUIPMENT	9,216,993								
7	364-POLES, TOWERS & FIXTURES	11,231,071								
8	365-OVERHEAD CONDUCTORS & DEVICES	1,022,329								
9	366-UNDERGROUND CONDUIT	3,748,140								
10	367-UNDERGROUND CONDUCTORS & DEVICES	7,966,212								
11	368-LINE TRANSFORMERS	3,775,253								
12	370-METERS	3,063,649								
13	371-INSTALLATIONS ON CUSTOMER PREMISES	916,692								
14	372-LEASED PROPERTY ON CUSTOMER PREMISES	141,524	141,524							
15	373-STREET LIGHTING & SIGNAL SYSTEMS	1,051,695								
16	TOTAL DISTRIBUTION PLANT	53,945,911	141,524							
	GENERAL PLANT	224								
17	390-IMPROVEMENT TO LEASED SERVICE BUILDING	17,530								
18	391-OFFICE EQUIPMENT	940,991								
19	392-TRANSPORTATION EQUIP	145,932								
20	394-TOOLS, SHOP & GARAGE EQ	109,258								
21	395-LABORATORY EQUIPMENT	19,783								
22	396-POWER OPERATED EQUIP	30,787								
23	397-COMMUNICATION EQUIP	46,242								
24	398-MISCELLANEOUS EQUIP	1,310,727								
25	TOTAL GENERAL PLANT	1,310,727								
26	PLUS: ALLOCATED COMMON PLANT IN SERVICE									
27	GENERAL PLANT	3,136,972								
	TRANSPORTATION PLANT	245,327								
28	TOTAL	58,714,024	141,524	18,423						
29	TEST YEAR EXPENSE									
30	INCREASE IN DEPRECIATION EXPENSE									

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
REVISION OF ELECTRIC DISTRIBUTION DEPRECIATION RATES PROPOSED IN MAY 1998 STUDY
REFLECTION OF 25 YEARS AMORTIZATION FROM DTE OF DIFFERENCE BETWEEN BOOK VS. INDICATED DEPRECIATION RESERVE
DEPRECIATION STUDY PROPOSED 15 YEARS

LINE NO	DESCRIPTION	A	B	C	D	E	F	G	H	I	J
		Original Book Cost	From Depreciation Study of May 1998	Indicated Book	Indicated Annual Depreciation (1)		Difference between Book and Indicated Dep. Reserve (C - B)	Annual Amortization based on 15 Years (F / 16)	Annual Amortization based on 25 Years (F / 25)	Revised Indicated Annual Depreciation (2) Amount (D - G + H)	Percent (I / A)
	DISTRIBUTION PLANT										
1	361-STRUCTURES & IMPROVEMENTS	908,408	401,048	516,351	61,989	6.82%	115,343	7,690	4,614	58,913	6.48%
2	362-STATION EQUIPMENT	5,360,795	2,105,291	2,105,607	178,303	3.33%	470,316	33,798	18,813	165,781	3.09%
3	364-POLES, TOWERS & FIXTURES	6,085,184	1,758,084	2,263,733	282,280	4.64%	505,635	33,708	20,225	288,786	4.42%
4	365-OVERHEAD CONDUCTORS & DEVICES	7,981,631	3,234,484	4,164,733	382,332	4.79%	930,248	62,017	37,210	357,525	4.48%
5	366-UNDERGROUND CONDUIT	915,383	523,484	674,014	30,362	3.32%	150,550	10,037	6,022	26,347	2.88%
6	367-UNDERGROUND CONDUCTORS & DEVICES	2,842,789	1,078,928	1,389,231	118,111	4.15%	310,303	20,687	12,412	109,838	3.86%
7	368-LINE TRANSFORMERS	4,483,573	1,559,921	2,008,560	185,568	4.15%	448,639	29,909	17,946	173,604	3.89%
8	368-1-LINE TRANSFORMERS INSTALLATIONS	2,120,052	532,293	685,352	84,566	3.96%	153,989	10,208	6,124	80,484	3.80%
9	368 TOTAL	6,548,825	2,082,214	2,863,942	270,134	4.10%	601,728	40,115	24,089	254,088	3.86%
10	369-SERVICES	2,998,669	1,248,418	1,608,755	144,220	4.81%	359,337	23,956	14,373	134,648	4.49%
11	370-METERS	1,972,465	683,486	880,033	63,633	3.23%	196,597	13,104	7,863	58,391	2.96%
12	370-1-METERS INSTALLATIONS	804,990	205,837	265,037	25,017	3.11%	59,200	3,947	2,368	23,438	2.91%
13	370 TOTAL	2,777,455	889,323	1,145,070	88,650	3.19%	255,797	17,051	10,231	81,830	2.95%
14	371-INSTALLATIONS ON CUSTOMER PREMISES	786,881	253,282	326,101	105,552	13.41%	72,639	4,856	2,914	103,610	13.17%
15	372-LEASED PROPERTY ON CUSTOMER PREMISES	154,987	48,482	62,425	20,191	13.03%	13,943	930	558	19,819	12.79%
16	372-LEASED PROPERTY ON CUSTOMER PREMISES	154,987	48,482	62,425	20,191	13.03%	13,943	930	558	19,819	12.79%
17	372 TOTAL-EXCLUDE AS NON-UTILITY					0					0
18	373-STREET LIGHTING & SIGNAL SYSTEMS	945,145	732,958	943,760	204,628	21.67%	210,802	14,053	8,432	199,207	21.08%
19	373 TOTAL DISTRIBUTION PLANT	38,183,073	13,448,468	17,531,337	1,688,771	4.89%	3,682,868	285,525	159,315	1,760,581	4.61%
	GENERAL PLANT										
20	390-2-IMPROVEMENTS TO LEASED SERVICE BUILDING	224	127	163	28	11.61%	38	2	1	25	11.16%
21	391-OFFICE EQUIPMENT	7,367	4,186	5,390	867	11.74%	1,204	80	46	835	11.30%
22	394-TOOLS, SHOP & GARAGE EQUIPMENT	93,113	26,389	33,892	2,880	3.09%	7,393	506	304	2,678	2.86%
23	395-LABORATORY EQUIPMENT	108,548	22,782	29,306	3,208	2.96%	6,346	436	262	3,033	2.79%
24	398-POWER OPERATED EQUIPMENT	19,793	9,889	12,735	1,381	6.98%	2,844	190	114	1,305	6.60%
25	397-COMMUNICATION EQUIPMENT	4,536	425	22,654	1,878	8.16%	122	338	5	378	8.10%
26	398-MISCELLANEOUS EQUIPMENT	51,434	17,517	22,654	1,893	3.23%	5,038	328	202	1,529	2.97%
27	398 TOTAL GENERAL PLANT	285,105	81,305	104,688	10,404	3.65%	23,383	1,559	935	9,780	3.43%
28	398 TOTAL ELECTRIC DISTRIBUTION DEPRECIABLE PLANT	38,478,178	13,929,773	17,938,025	1,877,175	4.88%	4,006,252	287,083	160,250	1,770,342	4.60%
	COMMON PLANT										
29	390-STRUCTURES & IMPROVEMENTS	579,759	88,379	130,137	17,224	2.97%	40,758	2,717	1,630	16,137	2.78%
30	390-2-IMPROVEMENTS TO LEASED SERVICE CENTER	535,811	65,010	94,635	15,618	2.91%	28,845	1,976	1,186	14,827	2.77%
31	390 TOTAL	1,115,570	154,389	224,772	32,842	2.94%	70,403	4,694	2,816	30,965	2.78%
32	391-OFFICE FURNITURE	531,400	182,247	265,353	44,328	8.34%	83,106	5,540	3,324	42,113	7.92%
33	393-STORES EQUIPMENT	33,663	12,164	17,711	1,299	3.85%	5,547	370	222	1,151	3.23%
34	394-TOOLS, SHOP & GARAGE EQUIPMENT	48,178	7,828	11,397	1,444	3.00%	3,569	238	143	1,349	2.80%
35	395-POWER OPERATED EQUIPMENT	37,703	2,584	4,126	514	6.67%	1,262	86	52	480	6.23%
36	397-COMMUNICATION EQUIPMENT	394,378	26,758	38,961	32,357	8.20%	12,202	813	488	32,032	8.12%
37	398-MISCELLANEOUS EQUIPMENT	118,869	20,888	30,131	3,516	3.03%	9,439	629	378	3,284	2.82%
38	398 TOTAL COMMON PLANT	2,248,701	406,919	592,477	116,301	5.17%	185,558	12,371	7,422	111,353	4.95%

(1) As proposed in depreciation study, includes amortization of book vs. indicated depreciation reserve difference over 15 years.
(2) Includes amortization of book vs. indicated depreciation reserve difference over 25 years.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
UTILITY PLANT IN SERVICE
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION	AMOUNT	
	INTANGIBLE PLANT		
1	303-MISC INTANGIBLE PLANT	75,086	
2	TOTAL INTANGIBLE PLANT	75,086	
	DISTRIBUTION PLANT		
3	360-LAND & LAND RIGHTS	713,467	
4	361-STRUCTURES & IMPROVE	1,281,906	
5	362-STATION EQUIPMENT	9,815,980	
6	364-POLES, TOWERS & FIXTURES	9,216,993	
7	365-OVERHEAD CONDUCTORS & DEVICES	11,231,071	
8	366-UNDERGROUND CONDUIT	1,022,329	
9	367-UNDERGROUND CONDUCTORS & DEVICES	3,749,140	
10	368-LINE TRANSFORMERS	7,966,212	
11	369-SERVICES	3,775,253	
12	370-METERS	3,063,649	
13	371-INSTALLATIONS ON CUSTOMER PREMISES	916,692	
14	372-LEASED PROPERTY ON CUSTOMER PREMISES	141,524	
15	373-STREET LIGHTING & SIGNAL SYSTEMS	1,051,695	
16	TOTAL DISTRIBUTION PLANT	53,945,911	
	GENERAL PLANT		
17	390-STRUCTURES & IMPROV	224	
18	391-OFFICE EQUIPMENT	17,530	
19	392-TRANSPORTATION EQUIP	940,991	
20	394-TOOLS, SHOP & GARAGE EQ	145,932	
21	395-LABORATORY EQUIPMENT	109,258	
22	396-POWER OPERATED EQUIP	19,763	
23	397-COMMUNICATION EQUIP	30,787	
24	398-MISCELLANEOUS EQUIP	46,242	
25	TOTAL GENERAL PLANT	1,310,727	
26	LESS: ACCT 372 LEASED PROP ON CUST PREMISES	(141,524)	
27	PLUS: COMMON PLANT IN SERVICE	###	
28	ALLOCATION TO ELECTRIC AT 64.4%	3,382,300	
29	LESS: ALLOCATION OF GEN. PLNT. TO TRANSMISSION	(5,243)	
	LESS: JOINTLY-OWNED UNIT COSTS TO GENERATION/STRANDED COST RECOVERY:		
30	391-OFFICE EQUIPMENT	(13,869)	
31	392-TRANSPORTATION EQUIP	(4,554)	
32	TOTAL ELECTRIC DISTRIBUTION PLANT IN SERVICE	58,548,834	(MHC-3)

AG-2-6(a) and AG-4-1

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
RESERVE FOR DEPRECIATION & AMORTIZATION
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	DESCRIPTION	AMORTIZATION	DEPRECIATION	TOTAL
	INTANGIBLE PLANT			
1	303-MISC INTANGIBLE PLANT	75,086		
2	TOTAL INTANGIBLE PLANT	75,086		
	TRANSMISSION PLANT			
3	TOTAL TRANSMISSION PLANT		4,470,018	
	DISTRIBUTION PLANT			
4	360-LAND & LAND RIGHTS			
5	361-STRUCTURES & IMPROVE			
6	362-STATION EQUIPMENT			
7	364-POLES, TOWERS & FIXTURES			
8	365-OVERHEAD CONDUCTORS & DEVICES			
9	366-UNDERGROUND CONDUIT			
10	367-UNDERGROUND CONDUCTORS & DEVICES			
11	368-LINE TRANSFORMERS			
12	369-SERVICES			
13	370-METERS			
14	371-INSTALLATIONS ON CUSTOMER PREMISES			
15	372-LEASED PROPERTY ON CUSTOMER PREMISES			
16	373-STREET LIGHTING & SIGNAL SYSTEMS			
17	TOTAL DISTRIBUTION PLANT		12,893,192	
	GENERAL PLANT			
18	390-STRUCTURES & IMPROV			
19	391-OFFICE EQUIPMENT			
20	392-TRANSPORTATION EQUIP		438,912	
21	394-TOOLS, SHOP & GARAGE EQ			
22	395-LABORATORY EQUIPMENT			
23	396-POWER OPERATED EQUIP			
24	397-COMMUNICATION EQUIP			
25	OTHER		163,153	
26	TOTAL GENERAL PLANT		602,065	
27	LESS: TRANSMISSION PLANT (57% RELATED TO TRANSMISSION)		(2,547,910)	
28	LESS: ACCT 372 LEASED PROP ON CUST PREMISES		(90,820)	
29	PLUS: COMMON PLANT	57,653	354,735	
33	TOTAL ELECTRIC DISTRIBUTION DEPRECIATION & AMORTIZATION	132,739	15,681,280	15,814,019

AG-2-6(b)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
MATERIALS & SUPPLIES INVENTORY
FOR THE 12 MONTHS ENDED DEC 31, 2000

LINE NO	MONTH	PRODUCTION PLANT	TRANSMISS. PLANT	DISTRIBUTION PLANT	OTHER	TOTAL MATERIALS & SUPPLIES
1	December 2000	3,905	22,016	530,988	-	556,909

AG-2-6 (f)

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
ACCUMULATED DEFERRED INCOME TAXES
FOR THE 12 MONTHS ENDED DEC 31, 2000

DESCRIPTION	TOTAL ELECTRIC	GENERATION	INTERNAL TRANSMISS(1)	DISTRIBUTION
Accumulated Depreciation-Federal	9,134,384		904,304	8,230,080
-State	1,578,326		156,254	1,422,072
Pension FAS 87-Federal	799,820		79,182	720,638
-State	159,586		15,799	143,787
Percentage Repair Allowance-Federal	376,679		37,291	339,388
-State	115,803		11,464	104,339
Retirement Loss-Federal	869,940	432,082	43,348	394,510
-State	173,448		17,171	156,277
Overheads-Federal	98,964		9,797	89,167
-State	3,315		328	2,987
Accrued Revenue-Federal	3,192,350	3,192,350	-	-
-State	610,443	610,443	-	-
CIAC-Federal	(244,721)		(24,227)	(220,494)
-State	(46,756)		(4,629)	(42,127)
Gain on Sale of New Haven Harbor-Federal	(1,311,360)	(1,311,360)	-	-
-State	(250,558)	(250,558)	-	-
Other-Federal	(222,242)		(22,002)	(200,240)
-State	(45,118)		(4,467)	(40,651)
FAS 109 Actg. For Income Tax-Federal	1,086,889		107,602	979,287
-State	413,303		40,917	372,386
FAS 109 Regulatory Asset-Federal	(5,745,535)		(568,808)	(5,176,727)
-State	(2,184,810)		(216,296)	(1,968,514)
FAS 109 Regulatory Liability-Federal	1,991,971		197,205	1,794,766
-State	757,472		74,990	682,482
TOTAL	11,311,593	2,672,957	855,225	7,783,411
AG-2-6(c,d) and AG-4-7				

(1) Total minus Generation times 9.9%.

72,987,731 Total Plant per AG-2-6(a)
 (1,310,727) Less General Plant
(11,695,184) Less Production Plant
59,981,820

5,960,823 Transmission Plant

9.9% Internal Transmission Factor

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITALIZATION AND EMBEDDED COST OF CAPITAL
FOR THE 12 MONTHS ENDED DEC 31, 2000

DESCRIPTION

	Amount 12/31/00 As Adjusted (1)	Cost of Capital	Weight	Weighted Cost of Capital	
Common Stock Equity	40,285,726	11.50%	41.7%	4.80%	
Preferred Stock	2,235,640	6.89%	2.3%	0.16%	
Long Term Debt	54,000,000	7.56%	55.9%	4.23%	(MHC-5)
Total Cost of Capital	96,521,366		100.0%	9.19%	(MHC-5)

Preferred Stock \$100 Par

Series	Amount Outstanding 12/31/00	Annual Issuance Expense	Annual Dividend Expense	Total Annual Cost	Effective Cost %
5.13%	962,272	-	49,925	49,925	5.19%
8.00%	1,273,368	-	104,021	104,021	8.17%
Total	2,235,640	-	153,946	153,946	6.89%

Long Term Debt

Series	Rate	Amount 12/31/00 As Adjusted (1)	Annual Issuance Expense	Annual Interest Expense	Total Annual Cost	Effective Cost %
12 year Notes, due March 31, 2004	8.55%	9,000,000	8,486	769,500	777,986	8.64%
30 Year Note, due Nov 30, 2023	6.75%	19,000,000	9,893	1,282,500	1,292,393	6.80%
30 Year Note, due Jan. 15, 2029	7.37%	12,000,000	3,268	884,400	887,668	7.40%
Subtotal		40,000,000	21,647	2,936,400	2,958,047	7.40%
30 Year Note to be issued in 2001	7.98%	14,000,000	4,833	1,117,200	1,122,033	8.01%
Total		54,000,000	26,480	4,053,600	4,080,080	7.56%

AG-2-10; FERC 2000 Form 1; Financing Petition 4/11/01

(1) Proformed for 2001 sinking fund payment of \$3,000,000 on 8.55% Note and 2001 issuance of \$7.98% Note.